BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/936,921A_

Source: _DIPE_

Date Processed by STIC: _7-22-02_

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
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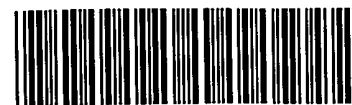   http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
           Or
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Revised 01/29/2002

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RAW SEQUENCE LISTING              DATE: 07/22/2002
PATENT APPLICATION:  US/09/936,921A     TIME: 14:52:01

       Input Set : N:\Crf3\06212002\I936921.raw
       Output Set: N:\CRF3\07222002\I936921A.raw
```

Does Not Comply
Corrected Diskette Needed

```
 1 <110> APPLICANT: RAOULT, Didier
 2         LA SCOLA, Bernard
 3         BIRG, Marie-Laure
 4         FENOLLAR, Florence
 5 <120> TITLE OF INVENTION: DIAGNOSIS OF WHIPPLE'S DISEASE
 6 <130> FILE REFERENCE: 110530
 7 <140> CURRENT APPLICATION NUMBER: US/09/936,921A
 8 <141> CURRENT FILING DATE: 2002-06-21
 9 <150> PRIOR APPLICATION NUMBER: FR 99/03989
10 <151> PRIOR FILING DATE: 1999-03-26
11 <150> PRIOR APPLICATION NUMBER: FR 99/06679
12 <151> PRIOR FILING DATE: 1999-05-21
13 <150> PRIOR APPLICATION NUMBER: PCT/FR00/00754
14 <151> PRIOR FILING DATE: 2000-03-24
15 <160> NUMBER OF SEQ ID NOS: 5
16 <170> SOFTWARE: PatentIn version 3.1
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 19
20 <212> TYPE: DNA
21 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: primer
24 <220> FEATURE:
25 <221> NAME/KEY: modified_base
26 <222> LOCATION: (2)..(2)
27 <223> OTHER INFORMATION: I
28 <220> FEATURE:
29 <221> NAME/KEY: modified_base
30 <222> LOCATION: (8)..(8)
31 <223> OTHER INFORMATION: I
32 <220> FEATURE:
33 <221> NAME/KEY: modified_base
34 <222> LOCATION: (9)..(9)
35 <223> OTHER INFORMATION I
36 <220> FEATURE:
37 <221> NAME/KEY: modified_base
38 <222> LOCATION: (11)..(11)
39 <223> OTHER INFORMATION: I
40 <220> FEATURE:
41 <221> NAME/KEY: modified_base
42 <222> LOCATION: (14)..(14)
43 <223> OTHER INFORMATION: I
44 <400> SEQUENCE: 1
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Pp. 1-2

(see p. 2)

"a" is at location 2 Use "n" and explain in <207>-<237> sections

"a" at location 8

"a" at location 9 (see above)

"a" at location 9

RAW SEQUENCE LISTING
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DATE: 07/22/2002
TIME: 14:52:01

Input Set : N:\Crf3\06212002\I936921.raw
Output Set: N:\CRF3\07222002\I936921A.raw

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47  <210> SEQ ID NO: 2
48  <211> LENGTH: 20
49  <212> TYPE: DNA
50  <213> ORGANISM: Artificial Sequence
51  <220> FEATURE:
52  <223> OTHER INFORMATION: primer
53  <220> FEATURE:
54  <221> NAME/KEY: modified_base
55  <222> LOCATION: (6)..(6)
56  <223> OTHER INFORMATION: I
57  <220> FEATURE:
58  <221> NAME/KEY: modified_base
59  <222> LOCATION: (15)..(15)
60  <223> OTHER INFORMATION: I
61  <220> FEATURE:
62  <221> NAME/KEY: modified_base
63  <222> LOCATION: (18)..(18)
64  <223> OTHER INFORMATION: I
65  <400> SEQUENCE: 2
66        gcccaacatt ccatatcacc                                           20
68  <210> SEQ ID NO: 3
69  <211> LENGTH: 612
70  <212> TYPE: DNA
71  <213> ORGANISM: Tropheryma whippelii
72  <220> FEATURE:
73  <221> NAME/KEY: misc_feature
74  <222> LOCATION: (9)..(9)
75  <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
76  <220> FEATURE:
77  <221> NAME/KEY: misc_feature
78  <222> LOCATION: (16)..(16)
79  <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
80  <220> FEATURE:
81  <221> NAME/KEY: misc_feature
82  <222> LOCATION: (18)..(18)
83  <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
84  <220> FEATURE:
85  <221> NAME/KEY: misc_feature
86  <222> LOCATION: (22)..(22)
87  <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
88  <220> FEATURE:
89  <221> NAME/KEY: misc_feature
90  <222> LOCATION: (29)..(29)
91  <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
92  <220> FEATURE:
93  <221> NAME/KEY: misc_feature
94  <222> LOCATION: (38)..(38)
95  <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
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[handwritten annotations:] "a" is at location 6 "is" n and explain
"a" at location 15
"a" at location 18

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 96 <220> FEATURE:
 97 <221> NAME/KEY: misc_feature
 98 <222> LOCATION: (68)..(68)
 99 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
100 <220> FEATURE:
101 <221> NAME/KEY: misc_feature
102 <222> LOCATION: (117)..(118)
103 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
104 <220> FEATURE:
105 <221> NAME/KEY: misc_feature
106 <222> LOCATION: (195)..(195)
107 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
108 <220> FEATURE:
109 <221> NAME/KEY: misc_feature
110 <222> LOCATION: (379)..(379)
111 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
112 <220> FEATURE:
113 <221> NAME/KEY: misc_feature
114 <222> LOCATION: (436)..(436)
115 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown or other
116 <400> SEQUENCE: 3
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```
W-->  117      aagtccccng gacggnanag gnatggagng gtatgtancg atcgatgcgg gtgatgtttt      60
W-->  118      aattgccnag gatccgggca ttgtggggga tgtttccgct gatgttgtca ctgtcannca     120
      119      ggatgacggg aaacatcgcg actaccatgt tggtaaattt gttcgttcaa atcagggcaa     180
W-->  120      ctgttacaac cagcnagttg tggtccgatc cggagatcgt gtataaaaag gtacagttct     240
      121      tgcacatggt ccatgtactg acaaaggtga gcttagtctt ggtagaaatc ttctggttgc     300
      122      tttcatgccc tgggagggct ataactttga ggatgcgata attatcagcc agaatttggt     360
W-->  123      caaggacgac accctttcnt caatccacat agaagaacat gaggttagca cccgggatac     420
W-->  124      gaagctgggc agtganagaa ataacgcgag accttccgaa tgtaagcatg gattacataa     480
      125      aggacttgga cgaacggggt attatccgga ttggcgctga ggttggccct ggggacattt     540
      126      tggttggtaa ggtgacccca aagggcgaag accgaactca acgcggaaga acgtttgctg     600
      127      agggctatct tt                                                        612
```

```
129 <210> SEQ ID NO: 4
130 <211> LENGTH: 18
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: oligonucleotide
135 <400> SEQUENCE: 4
136      gcattgtggg ggatgttt                                                    18
138 <210> SEQ ID NO: 5
139 <211> LENGTH: 18
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: oligonucleotide
144 <400> SEQUENCE: 5
145      ttggggtcac cttaccaa                                                    18
```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/936,921A

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Input Set : N:\Crf3\06212002\I936921.raw
Output Set: N:\CRF3\07222002\I936921A.raw

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 9,16,18,22,29,38,68,117,118,195,379,436

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/936,921A

DATE: 07/22/2002
TIME: 14:52:02

Input Set : N:\Crf3\06212002\I936921.raw
Output Set: N:\CRF3\07222002\I936921A.raw

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L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:60
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:180
L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:360
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:420
```